

118 130 120 132 122 134 112 136

A BEACON FAILED ALARM B BEACON FAILED ALARM SIDELIGHT FAILED ALARM FLASHER FAILED ALARM

Alarm TS

TOWER LIGHTING CONTROLLER & ALARM CIRCUIT

DARRELL DEARING
TST - RADIO
317 265-8167

August 4, 2001

SCR430T SCR430T SCR430T

A Beacon 102 B Beacon 103 Side Light 104

Dayton Electric 5X824E

105 FB120A Flasher Not Used

106 FLASHER FS165-30T

FLASHER FAIL RELAY 109

AC FAIL RELAY 108

Dayton Electric 5X824E

TEST FLASHER 114 TEST A 124 TEST B 126

Top Lights 116 Side Lights 128

AC Breaker TS Tower TS

NOTE: AC FAILURE ACTIVATES ALL TOWER LIGHT ALARMS!

Figure 1

Circuit Module	Component
Universal Lamp Alarm Relays For The "A" Beacon	SCR430T
Universal Lamp Alarm Relays For The "B" Beacon	SCR430T
Universal Lamp Alarm Relays For The "Side Light" Beacon	SCR430T
Flasher and Beacon Alarm Relay	FB120A
Beacon Flasher Auxiliary Unit	FS 155-30T
Flasher Fail Relay	Dayton Electric 5X824E(?)
AC Fail Relay	Dayton Electric 5X824E(?)

Figure 2

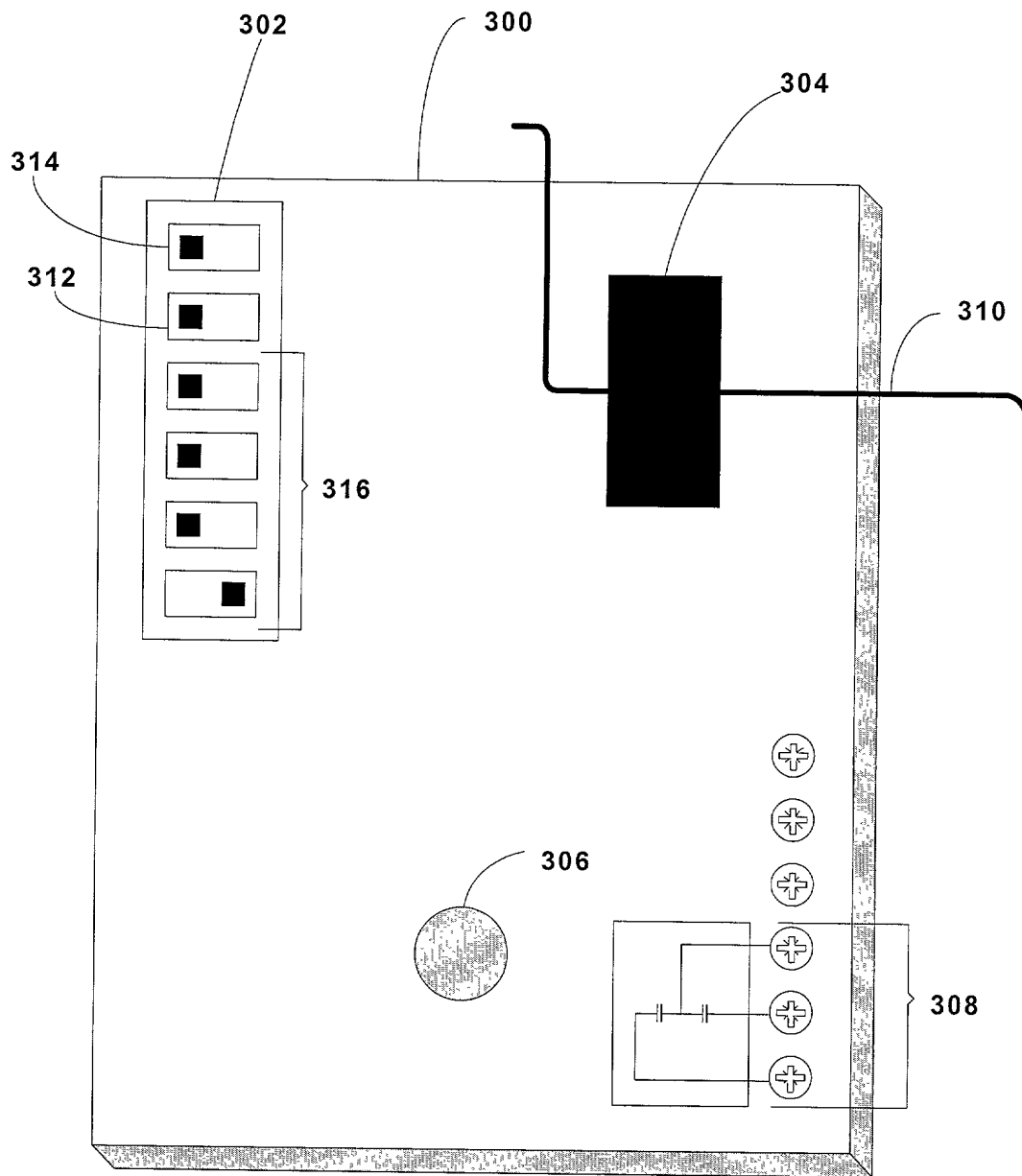


Figure 3

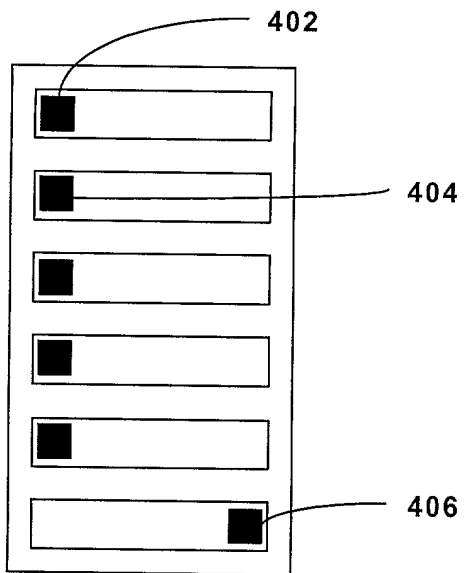


Figure 4a

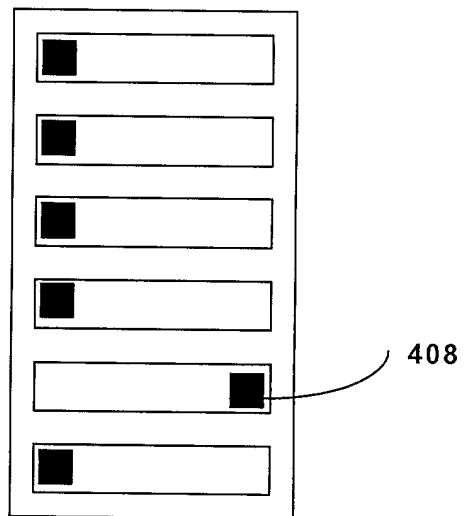


Figure 4b

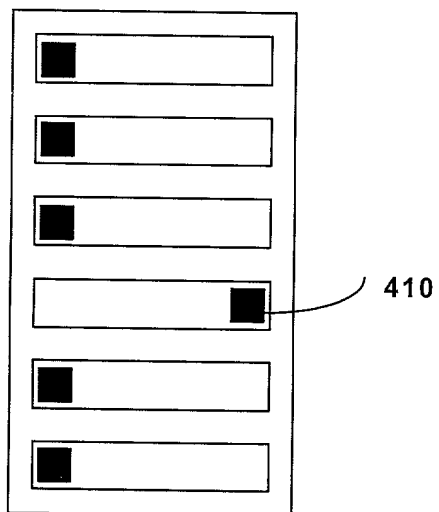


Figure 4c

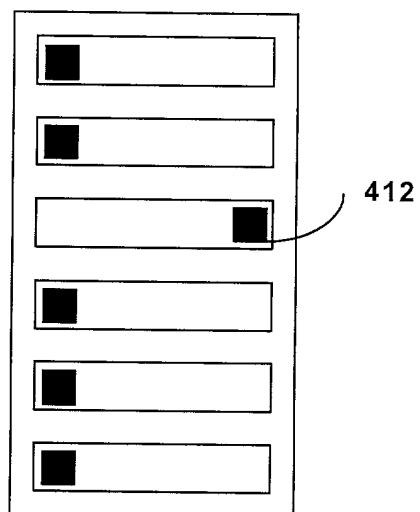


Figure 4d